

VIII.3.3-RES-SNGL-S-CONV26 SUBROUTINE CONV26

Description

Subroutine CONV26 converts 24 hour mean outflows into time interval mean outflows.

Calling Sequence

SUBROUTINE CONV26 (QOMEAN, DATMIN, QMIN, QOMBAC, QOMOBS, QOMSIM, QOMADJ, QAVAIL, FRACTN)

Argument List

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
QOMEAN	Input	R*4	NQMEAN	Mean outflows for 24 hour periods; this array can contain any number of values but CONV26 will have to be called separately for observed and computed (or proposed) 24 hour values; missing values in the array must be -999.0
DATMIN	Input	R*4	NDATMN	Julian dates for date versus minimum outflow relation when minimum outflow varies with date
QMIN	Input	R*4	NDATMN	Minimum outflows corresponding to DATMIN values
QOMBAC	Input	R*4	NTIM24	Array of outflows for 24 hours of time intervals prior to first time interval; QOMBAC values are needed when the first 24 hour outflow starts prior to the first time interval
QOMOBS	Input	R*4	NUM	Array of observed time interval mean outflow; missing values are -999.0
QOMSIM	Input	R*4	NUM	Array of simulated mean outflows by time intervals; QOMSIM(1) must be -999.0 if simulated values are not available
QOMADJ	Output	R*4	NUM	Array of adjusted time interval mean outflows

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
QAVAIL	Output	R*4	NTIM24	Array of differences between maximum generation discharge and time interval outflows or between time interval values and minimum required outflow for time intervals in the 24 hour time period for the 24 hour mean outflow; w When required, QAVAIL values are used in distributing excess of computed outflows over maximum generation discharges or deficiencies of computed outflows below minimum outflow
FRACTN	Input	R*4	NTIM24	Fractions of 24 hour volume for computing time interval outflows

Dimension variables are in common blocks RESV26 and CNVR26.